

JOB SHEET 2-4-18 REQUESTING PRODUCTS USING THE DISPLAY MENU

INTRODUCTION

The Display menu might also be referred to as the Display/Request menu, as both functions are carried out here. Requesting products via the display menu involves the same process as displaying the products. If, however, the product is not in the database extra steps must be taken to request that product. This method is used to request products from either an Associated or Non-associated RPG. In the later case, the request would initiate a dial-up to the Non-associated RPG in question.

Requesting products in this manner is either done as a backup to the Graphic Tablet, or for inclusion in a User Function. In addition, this is the only way alphanumeric products can be requested on a one-time basis.

OBJECTIVE

Use the Display Menu to request a graphic and alphanumeric product from your Associated RPG and from a Non-associated RPG.

REFERENCE

NWS EHB 6-531-1, USERS GUIDE: PUP/RPGOP, Sections 4.1 and 4.2

PROCEDURE

REQUESTING PRODUCTS FROM AN ASSOCIATED RPG

1. From the Main Menu, type **D** and press **RETURN**.
 - This command displays the Display Menu.
2. a. Type **G** and press **RETURN**.
 - This command displays the Graphic Product screen. If the Product Mnemonic is already known, type it in as the <brackets> suggest. This skips the screen shown in step 2b and move on to the screen in step 3.
- b. What appears is a list of all graphic product types, whether or not they are actually available in your pup. The screen requests that you "select a graphic product from the following list".

1

MAIN MENU

COMMAND: **D,**
 FEEDBACK:

Enter command and press return. For assistance, press the HELP button (F5).

(C)ONTROL
 (S)TATUS
(D)ISPLAY
 (R)OUTINE PRODUCT SET
 (G)EN AND DISTRIBUTE PRODUCTS
 (T)IME LAPSE
 (A)RCHIVE
 (U)SER FUNCTION
 (AD)APTATION DATA
 (M)ONITOR PERFORMANCE

2a

DISPLAY MENU

COMMAND: **D,G**
 FEEDBACK:

Enter command.

(A)LPHANUMERIC PRODUCT, <prod-name> *
(G)RAPHIC PRODUCT, <prod-name> *
 (GP)GRAPHIC AND PAIRED ALPHA, <prod-name> *
 (P)AIRED ALPHANUMERIC PRODUCT, <screen>
 (N)EXT QUEUED, (A)LPHANUMERIC
 (G)RAPHIC
 (C)LEAR QUEUE, (A)LPHANUMERIC
 (G)RAPHIC
 (AU)TO DISPLAY, (A)LPHANUMERIC
 (G)RAPHIC
 (H)ALT AUTO DISPLAY GRAPHIC
 (T)EST PATTERN <id#>, <screen>

2b

GRAPHIC PRODUCTS

COMMAND: **D,G,**
 FEEDBACK:

Select a graphic product from the following list:

R	Reflectivity	RCS	Refl Cross Section	OHP	One Hour
V	Velocity	VCS	Vel Cross Section	THP	Three Hour Precip
SW	Spectrum Width	SCS	Spec Width Cross Section	STP	Storm Total Precip
CR	Composite Reflect	WER	Weak Echo Region	USP	User Slctble Product
CRC	Comp Refl Contour	SRR	Storm Rel Vel Region	HSR	Hybrid Scan Reflect
ET	Echo Tops	SRM	Storm Rel Vel Map	CS	Combined
ETC	Echo Top Contour	VIL	Vertically Integ Liq	CSC	Combined Shear Cntr
SWR	Svr Wx Anal Reflect	STI	Storm Tracking Info	CFC	Clutter Fitr Cntrl
SWV	Svr Wx Anal Velocity	HI	Hail Index		
SWW	Svr Wx Anal Width	M	Mesocyclone		
SWS	Svr Wx Anal Rad Shr	TVS	Tornado Vortex Sig		
SWP	Svr Wx Probability	LRA	Layer Comp Refl Avg		
VAD	Vel Azimuth Display	LRM	Layer Comp Refl Max		

3. Type **V** and press **RETURN**.
 - This command displays the Graphic Product Edit screen for a Base Velocity Product. The values automatically appearing are the default parameters. Data level, resolution, and slice default to those last specified during any one-time request with these same parameter types.
4. Ensure the parameters read as follows:

DTA LVL	-	<u>16</u>	(use the tab key)
RES	-	<u>13</u>	
SLICE	-	<u>0.5</u>	
SCR (screen)	-	<u>R</u>	(right screen)

Leave the date/time/RPG blank to default to the current date/time and Associated RPG.

Press **RETURN**.

- If the desired product is not in the database the Pick-A-Product Menu for that product appears on the graphic screen and the FEEDBACK line on the Applications Terminal states **EXECUTED - D,G,V**. The graphic screen and Applications Terminal then prompts you to **SEND RPG REQUEST**.
5. Press **F10** (**Send RPG Request**).
 - The FEEDBACK line states **EXECUTED - F10: SEND RPG REQUEST**. This command forwards the request to your RPG. You can also use the puck and Graphics Tablet by selecting the SEND RPG REQUEST box.
 - **NOTE** - If a screen is blank, the product displays upon arrival. If not, you must use other methods for displaying the product once it arrives in the database.

3

DISPLAY GRAPHIC PRODUCT EDIT SCREEN

COMMAND: D,G,V
FEEDBACK:

Edit product parameters and press RETURN to request product.

<u>PROD</u>	<u>DTA</u>									<u>REQ</u>	<u>RPT</u>	<u>REQ</u>
<u>NAME</u>	<u>LVL</u>	<u>RES</u>	<u>SLICE</u>	<u>PARAM1</u>	<u>PARAM2</u>	<u>RPG</u>	<u>TIME</u>	<u>DATE</u>	<u>SCR</u>	<u>PRI</u>	<u>CNT</u>	<u>MAP</u>
V	16	.54	0.5						L	H	1	N

4

DISPLAY GRAPHIC PRODUCT EDIT SCREEN

COMMAND: D,G,V
FEEDBACK:

Edit product parameters and press RETURN to request product.

<u>PROD</u>	<u>DTA</u>									<u>REQ</u>	<u>RPT</u>	<u>REQ</u>
<u>NAME</u>	<u>LVL</u>	<u>RES</u>	<u>SLICE</u>	<u>PARAM1</u>	<u>PARAM2</u>	<u>RPG</u>	<u>TIME</u>	<u>DATE</u>	<u>SCR</u>	<u>PRI</u>	<u>CNT</u>	<u>MAP</u>
V	<u>16</u>	<u>.13</u>	<u>0.5</u>						<u>R</u>	H	1	N

6. Return to the Main Menu (F1) and type **D.A.SS** and press **RETURN**.
 - We will attempt to display the Alphanumeric Product "Storm Structure" on the Applications Terminal screen. Recall that alphanumeric products can only be displayed on the Applications Terminal.
7. Leave the default parameters and press **RETURN**.
 - If the product is in the database, it will display at this point. If it is not, the feedback once again states **EXECUTED - D,A,SS** followed by **SEND RPG REQUEST**.
8. Select **F10** (**Send RPG Request**).
 - Since this is an alphanumeric product, we can only request it from and display it on the Applications Terminal.
9. Once the product has arrived (watch the PROD RCVD line), you can go through the same steps once again to display the product, i.e. **Repeat steps 6 & 7**. Note you may also select **F13** (Display Latest Received A/N Product) and get the same results, as long as another A/N product has not arrived.

6

MAIN MENU	
COMMAND: <u>D,A,SS</u>	
FEEDBACK:	
Enter command and press return. For assistance, press the HELP button (F5).	
(C)ONTROL	
(S)TATUS	
(D)ISPLAY	
(R)OUTINE PRODUCT SET	
(G)EN AND DISTRIBUTE PRODUCTS	
(T)IME LAPSE	
(A)RCHIVE	
(U)SER FUNCTION	
(AD)APTATION DATA	
(M)ONITOR PERFORMANCE	
(H)ELP	
UNACKNOWLEDGED ALERTS	ALPHA PRODUCT QUEUE INDICATOR
ACKNOWLEDGED ALERTS	RPG PRODUCT REQUEST STATUS
SYSTEM STATUS	

7

DISPLAY GRAPHIC PRODUCT EDIT SCREEN				
COMMAND: D,A,SS				
FEEDBACK:				
Edit product parameters and press RETURN to request product.				
PROD			REQ	RPT
<u>NAME</u>	<u>RPG</u>	<u>TIME</u>	<u>PRI</u>	<u>CNT</u>
SS			H	1

REQUESTING PRODUCTS FROM A NON-ASSOCIATED RPG USING **ASTERISKS**

10. At the Main Menu, type **D,G,R** and press **RETURN**.
 - The Graphic Display Edit Screen for the Reflectivity product is displayed.
11. Make the following changes:

DTA LVL	-	<u>16</u>	
RES	-	<u>.54</u>	
SLICE	-	<u>0.5</u>	
RPG	-	<u>KMLB</u>	(Or any non-associated RPG)
TIME	-	<u>*</u>	(Enter an asterisk)
DATE	-	<u>*</u>	" "
REQ MAP	-	<u>Y</u>	(Yes - if you do not already have maps from this RPG in your database)
12. Press **RETURN**.
 - The feedback line states **EXECUTED - D,G,R** followed by **REQUEST ACCEPTED**.
 - Here the **asterisks**, in time and date, tells the PUP to skip the search through the PUP database and immediately forward the request to the designated RPG.
13. Note the STATUS LINES (on both the Graphic Screens and the Applications Terminal) indicating that a dial-up process has begun in response to this request. Watch the PROD RCVD line to note the arrival of the Product List, Background Maps, and finally the requested product. The Melbourne Reflectivity product is stored in the database upon its arrival and can be displayed in the same fashion as any other product.

END

11

DISPLAY GRAPHIC PRODUCT EDIT SCREENCOMMAND: **D,G,R**

FEEDBACK:

Edit product parameters and press RETURN to request product.

PROD	DTA									REQ	RPT	REQ
NAME	LVL	RES	SLICE	PARAM1	PARAM2	RPG	TIME	DATE	SCR	PRI	CNT	MAP
R	<u>16</u>	<u>.54</u>	<u>0.5</u>			<u>KMLB</u>	<u>*</u>	<u>*</u>	L	H	1	<u>Y</u>

12

DISPLAY GRAPHIC PRODUCT EDIT SCREEN

COMMAND: D,G,R

FEEDBACK: (EXECUTED - D,G,R) REQUEST ACCEPTED

Edit product parameters and press RETURN to request product.

PROD	DTA									REQ	RPT	REQ
NAME	LVL	RES	SLICE	PARAM1	PARAM2	RPG	TIME	DATE	SCR	PRI	CNT	MAP
R	16	.54	0.5			KMLB	*	*	L	H	1	Y